



International Brotherhood of
BOILERMAKERS LOCAL NO. 242

6404 N. Pittsburg
Spokane, WA 99217
(509) 489-1891 • FAX (509) 484-5731

Mark Keffeler
Bus. Manager/Sec. Treas.



Page 1

March 4, 2013

Governor Jay Inslee
Office of the Governor
Post Office Box 40002
Olympia, WA. 98504-0002

Dear Governor Inslee,

I am writing to you concerning leaking tanks on the Hanford Nuclear Reservation. As you are aware, the Department of Energy (DOE) has recently admitted to six (6) tanks at Hanford that are currently leaking. This is in addition to the numerous other tanks that have leaked over the course of the last forty (40) years.

Unfortunately, leaking tanks at Hanford is not an entirely new subject. The older single wall tanks have long outlived their planned life expectancy and have been leaking for decades. To combat this problem the DOE had several double walled tanks fabricated in the 1970's and 1980's which are now nearing the end of their planned life expectancy as well with at least one double shelled tank leaking.

With the construction of the Waste Treatment Plant (WTP) several years behind schedule, the need for new tanks at Hanford has never been greater. What concerns me greatly is the cost estimates and length of schedule that are being thrown around by the DOE of \$100 million dollars and five (5) to seven (7) years per tank.

As a Union Representative for the International Brotherhood of Boilermakers, I represent the hard working men and women that build these tanks for a living. In fact, I personally worked on the last set of double walled tanks at AP Farm in the mid 1980's and we built eight (8) double walled tanks in eighteen (18) months that were built to strict ASME codes with one hundred (100) percent of the welds passing x-ray testing. I believe the cost at that time for all eight (8) tanks to be approximately ten (10) million dollars.

More recently, our members have built the four (4) large stainless steel tanks at the WTP that will receive waste from the tank farms when the WTP is completed. These four (4) tanks were built in approximately two years at a total cost of thirty three (33) million dollars. These tanks were built on time and under budget and received nationally recognized safety awards as well. I would also like to point out that stainless steel is much more expensive than carbon steel.

Page 2



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One of the reasons being distributed for the DOE's inflated cost estimate and schedule for these new tanks is the strict specifications and codes that these vessels have to be built to. I can assure you; these tanks are built no differently than virtually any other tank that our members construct nationwide. Although nuclear grade construction does require more paper work, the basic construction technique does not change. Our members routinely work to strict codes and tolerances that can pass x-ray examination or any other required testing. This is evidenced by all the vessel repairs that are members have been performing at the WTP as a result of the DOE purchasing completed tanks from less than adequate sources.

In closing, I ask for your support in urging the Department of Energy to construct a new set of tanks in which to stage waste that is destined for the WTP until such time that the WTP is complete and starts processing the waste. I believe these tanks are necessary in order to protect our environment and I believe that the men and women I represent can construct them better, safer, and more cost effectively than anyone else in the world.

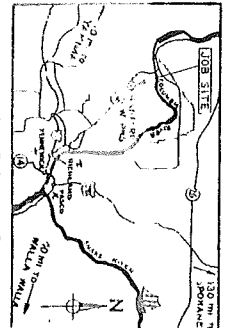
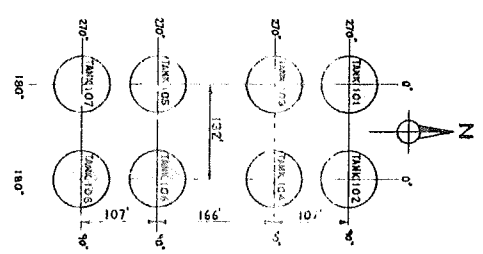
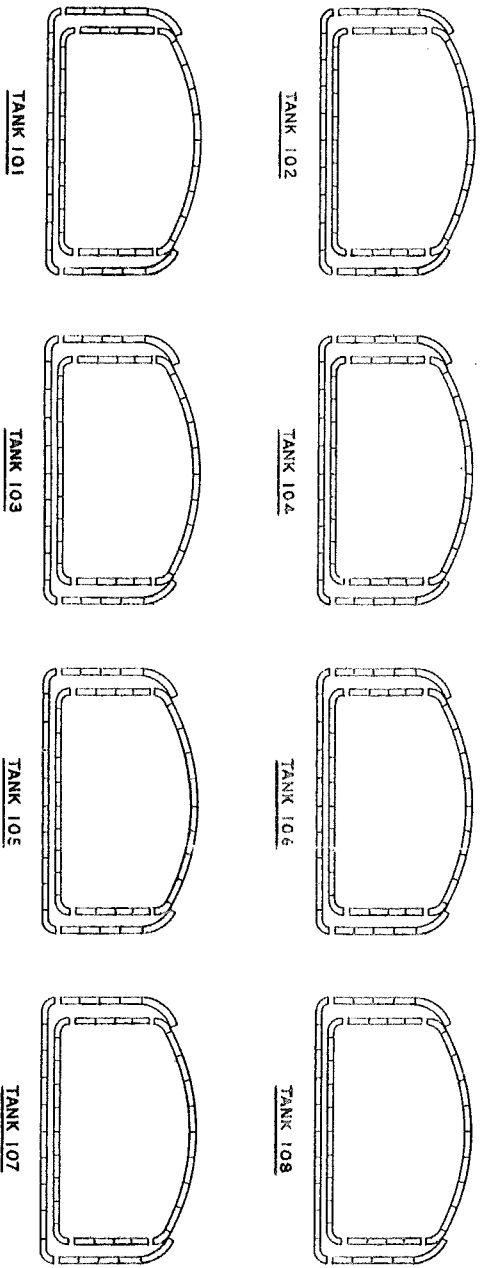
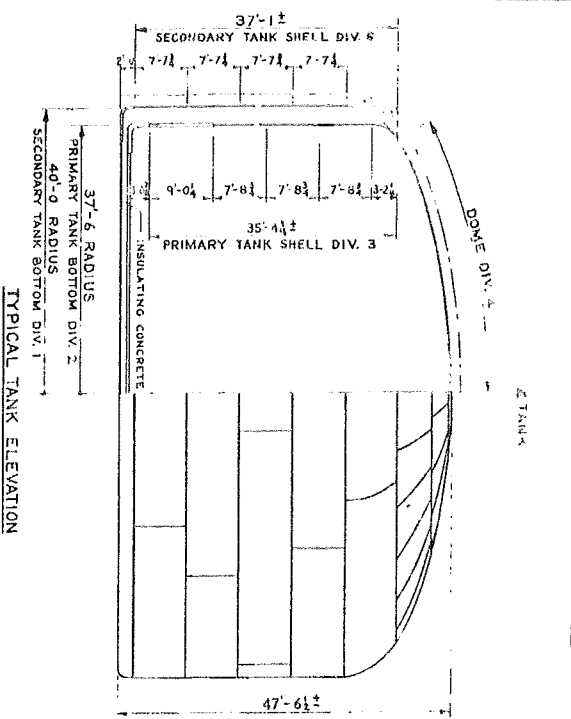
Thank you for your time regarding this matter and if you should have any questions, please feel free to contact my office.

Sincerely,


FOR

Mark Keffeler
Business Manager
Boilermakers Local 242

DIV.	ITEM	ONE TANK	TANK 101	TANK 102	TANK 103	TANK 104	TANK 105	TANK 106	TANK 107	TANK 108
1	SECONDARY 30" DIA. INCL. KNUCCLE	27	51							
2	PRIMARY 30" DIA. INCL. KNUCCLE	25	66							
3	1st COURSE 92 1/2" X 11" X 33'-7 1/2"	8	32							
4	2nd COURSE 92 1/2" X 11" X 33'-3 1/2"	6	21							
5	3rd COURSE 92 1/2" X 11" X 33'-3 1/2"	6	19							
6	4th COURSE 92 1/2" X 11" X 33'-3 1/2"	6	19							
7	DOVE TOP KNUCCLE	6	7							
8	1st COURSE 92 1/2" X 11" X 41'-10 1/2"	17	36							
9	2nd COURSE 92 1/2" X 11" X 41'-10 1/2"	6	15							
10	3rd COURSE 92 1/2" X 11" X 41'-10 1/2"	6	15							
11	4th COURSE 92 1/2" X 11" X 41'-10 1/2"	6	15							
12	DOVE TOP KNUCCLE	8	16							
13	BASE RING, SHORT BASE ANGLE	20	4							
14	FIELD WELL									
15	PENETRATIONS	±60	3							
16	HYDROTEST									
17	STUDS	6688	180"							
18	STRESS RELIEVE									
19	NONDESTRUCTIVE EXAMINATION									
20	INSULATING CONCRETE & PIPING									
21	INSULATION									
22	FOUNDATION									
23	ENCASEMENT - SHELL									
24	ENCASEMENT - DOVE									
25	TOTAL TONNAGE - ONE TANK	337								



REVISIONS	DATE	BY	CHKD.
1	10/1/78	D.W. CARPENTEL	(SEE SHEET)
2	10/1/78	D.W. CARPENTEL	(SEE SHEET)
3	10/1/78	D.W. CARPENTEL	(SEE SHEET)
4	10/1/78	D.W. CARPENTEL	(SEE SHEET)
5	10/1/78	D.W. CARPENTEL	(SEE SHEET)
6	10/1/78	D.W. CARPENTEL	(SEE SHEET)
7	10/1/78	D.W. CARPENTEL	(SEE SHEET)
8	10/1/78	D.W. CARPENTEL	(SEE SHEET)
9	10/1/78	D.W. CARPENTEL	(SEE SHEET)
10	10/1/78	D.W. CARPENTEL	(SEE SHEET)

T3036 AI

8 DOUBLE WALL
WASTE STORAGE TANKS
HANFORD WORKS
RICHLAND, WASHINGTON



